MAY 1 0 2002

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE control in the paperwork Resocition Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

Co	mplete if Known		
Application Number	10/090,681	Dr	0-
Filing Date	03/05/02	7	CEIVED
First Named Inventor	Gunter		
Art Unit	2/3/	MAY	1 4 22
Examiner Name			1 4 2002
Attorney Docket Number	53087-5010	Technolog	y Center 21

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials		Document Number Number- Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
<i>O</i> ()	A_	US-6,216,116	04/10/01	Barkan et al.	Figures Appear
	B	US-5,659,616	08/19/97	Sudia	
	0	us- <i>5,903,882</i> us- <i>5,943,423</i>	05/11/99	Asay et al.	
	E	us-5, 978, 484	11/02/99	Muttic Apperson et al.	
	F	US-5,960,085	09/28/99	De la Huerga	
	B	US-6,003,014	12/14/99	Lee et al.	
	H T	us-5,901,284 us-5,872,848	05/04/99	Handy-Swink	
	Ŧ	US-5,784463	02/16/99	Komney et al. Chen et al.	
	K	US-5, 761, 309	06/02/98	Ohashi et al.	
	4	US5,757,920	05/25/98	MISRA et al.	
	M N	US-5 754 654 US-5 694 471	05/19/198	HIROVA et al.	
	0	US- 5, 412, 717	12/02/97	Chen et al.	
	P	us-5, 339 403	08/16/94	FISCHER FARKER	
	Q	US-5, 261, 002	11/09/93	Periman et al.	
-}	K	US- 5 3/5,657 US- 5,214 702	05/24/94	Abadi et al.	
99	7	US-4, 868,877	05/25/93	FISCHER	

		FORI	IGN PATENT D	OCUMENTS		
Examiner Initials		Foreign Patent Document Country Code 3 - Number 4 - Kind Code 3 (If Innova)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
						┿
			***************************************			ł
					•••••••••••••••••••••••••••••••••••••••	ļ
						ļ
						ļ
						ļ
						ļ
```	·					ļļ
	• • • • • • • • • • • • • • • • • • • •					J
						J
	سسن					

Examiner \	Date	1
Signature Lewy	Considered	コルクリ
ACTIVATION OF THE PARTY OF THE	Considered	20101

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.com">www.uspto.com</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Papernor Reduction Act 1995,

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 of 4

Complete If Known

Application Number 10/090, 681 MAY 1

Filing Date 03/05/02 Technology Center 2100

Group Art Unit 2/3/

Examiner Name

Attorney Docket Number 53087-5010

I	3.		OTHER RESOLART MONERATENES ATTENDED	
t	<del></del>	T	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
	Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date. page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ı	202	ľ	Blaze et al, "THE KEYNOTE TRUST-MANAGEMENT SYSTEM	
	1	U.	VERSION 2", Internat Society, September 1999, pp. 1-32. Gunter et al., "POLICY. DIRECTED CERTIFICATE RETRIEVAL	
İ		.,	GUNTER ET al., "POLICY. D'IRECTED CERTIFICATE RETRIEVAL	1,
ŀ		V	Software-Practice & EXPERIENCE SOPTEMBLE 21, 2000 VOI. 3 PP. 1609-14 BUNKER et al., "GENERALIZED CERTIFICATE REVOCATION", ACM	ψ.
		W	Symposium on Principles of Programming Language, January 2000 Pp. 1-14.	
			Kakkar et al., "CERTIFICATE DISTRIBUTION WITH LOCAL	
		X	Autonomy", International Workshop on Active Networks, October 2000, pp. 1-19.	
		y	Blaze etal., "Decentratized TRUST MANAGEMENT", PROC.  IEEE Conference on Security and PRIVACY May 1996, pp.1-23  HERZBERG ET AL., "ACCESS CONTROL MEETS PUBLIC KEY  INFRASTRUCTURE, OR: ASSIGNING ROLES TO STRANGERS,  PP. 1-13.	
		AA	RIVEST, et al., "SDSI-A SIMPLE DISTRIBUTION SECURITY INFRASTRUCTURE", APRIL 30, 1996, Pp. 1-37.	
	80	ВВ	C. Ellison, "SPKI REQUIREMENTS," The Internet Society, September 1999, pp. 1-14	

			<del></del>	
Examiner I	′ \		I Data	
_ · · · · · · · · · · · · · · · · · · ·	<u> </u>		Date	- 1-1 MI
Signature	- XM	X	Considered	< /5/1/4
	//	<del></del>	1 Considered	37.70

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Under the Paper ork Reduction Act 1995 control number.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 4

Co	mplete if Known		
Application Number	10/090, 681		
Filing Date	16/	———A	PEA.
First Named Inventor	6405102		-CE
Art Unit	2/3/	M	714
Examiner Name		7	$\gamma_{I_{A}}$
Attorney Docket Number	53087-5010	Technol	7 × ×
			Gy Con

		1	U.S. PATE	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
00	CC	us. 5, 615, 268	03/28/89	MUSYCK et al.	Figures Appear
	E É	US. 5542,046	03/25/97	Carlson et al.	
	56	us. 5 475 158 us. 5 455 953	10/02/95	Kikuchi Russell	
94	II	US. 5, 412, 127 US. 6,138, 235	05/02/95	Drexler et al.	
		US-		EIFNIN EFWI	
		US- US-			
		US-			
		US-			
	·····{-	US-			
		US-			
		US-			
		US-			

	 FORE	IGN PATENT D	OCUMENTS		_
Examiner Initials	 Foreign Patent Document  Country Code 3 - Number 4 - Kind Code 3 (# known)	6.1.11	Name of Batana	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T.
					1
	 				ļ
					i
	 				ļ
	 				l
				••••••	

Examiner Signature Date Considered 3/5/04

*EXAMINER: Initial if reference considered with the second secon

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in 1 Applicant's unique citation designation combon (and the communication to applicant.

English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Commissioner for Patents, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant

+

Under the Raperwork Reducti

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet

			~~~	
City		·		
Xct of 1995, no persons are req	Approved for U.S. Patent and Trademark Off ulred to respond to a collection of  Con  Application Number  Filing Date	PTO/SB/0 use through 10/31/2002. OMB lice: U.S. DEPARTMENT OF C Information unless it contains	18B (10-01) 3 0651-0031 COMMERCE a valid OMB	-
OISCLOSURE APPLICANT of 4	Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	Bunter 2131	Center 2	El 102
R PRIOR ART - NON P		53037-5010		.00

		OTHER RRIOR ART. NO.	
	Ť	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. 1	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T ²
DEF	ررا	16111500 et al. 18PPL accountes susanti	-
	IJ	Internet Society, September 1999, pp. 1-43. MULLER, "BLUE TOOTH SECURITY ARCHITECTURE", Bluetooth White Paper July 15 1999 00 1-33	
		MULICA, "BLUE TOOTH SECURITY ARCHITECTURE" Blue toogh	
	KK	White Paper July 15, 1999 pp. 1-33	
	11	Me+tala, "BLUETOOTH PROTOCOL ARCHITECTURE"	
	<i></i>	Bluetooth White Paper September 29 1000 0010	
		MAYWAH, "AN IMPLEMENT OF A SECURE WEB CLIENT USING	
	ММ	Bluetooth White Paper, September 29, 1999, Pp. 1-20 MAYWAH, "AN IMPLEMENT OF A SECURE WEB CLIENT USING SPKI/SDSI CERTIFICATES", 8.B. Massachusetts Institute	ı
		Of Technology, May 2000, Pp. 1-76.	
		DANI BILLEN USUA OFCA ON DETECTION	
	W	DAN BLACKMEN, "SUARTCARDS: THE INTELLIGENT WAY TO	
		SECURITY", Network Computing, May 15, 1998, pp. 170,171	
	on	Elyson http://www.	ı
		Ellison, http://world.std.com/~cme/July 2, 2001, pp.1-3.	
	19	TEEE MAN	
		IEEE, www. jeee. org., 13 pages	
0	NQ	Infrares Data Association	
		MICROSOFT . Net Passport Review Guide, "THE WHY,	
		WHAT AND HOW OF MICROSOFT, NET PASSPORT"	1
	,	Publiches II	ı
		Published: Murch 2002, pp. 1-50. NET Passport OVERVIEW:	
1/10		1/12/ http://www.andersoft.com/	
	's	NERVIEW. asp, pp. 1-7; //21/64to: //www. misposelt and	
00	0	1/13/http://www.mierosoft.com/myservices/passport nyservices/passport/overview.asp. p. 1 nyservices/passport/overview.asp. p. 1	I
		The state of the s	•

				•	
Examiner /	' '		,		
Ciamatum L		\ /	/	Date	-1
Signature	zure 1	\ lar/		1	72151911
VALUED A WALL				L_Considered	215 1114

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents,

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

ATTY. DOCKET NO. SERIAL NO. TO-1449 U.S. DEPARTMENT OF COMMERCE 053087-5010 10/090,681 PATENT AND TRADEMARK OFFICE APPLICANT INFORMATION DISCLOSURE Gunter et al. STATEMENT BY APPLICANT FILING DATE GROUP (Use several sheets if necessary) (37 C.F.R. § 1.98(b)) March 5, 2002 U.S. PATENT DOCUMENTS ISSUE FILING DATE IF EXAMINE SUBCLASS APPROPRIATE PATENT NUMBER DATE **PATENTEE** CLASS 4 Α 2 04/03/01 Greer, Jr et al В 5 5 3 0 2 3 5 06/25/96 Stefik et al. C 4 4 2 5 3 09/03/02 6 6 Mellmer D 5 5 8 3 9 9 3 12/10/96 Foster et al. Ε 6 3 9 3 5 6 5 05/21/02 Lockhart et al. PECEIVED

VAN 2 8 2003

Technology Center 2100 F 6 4 3 8 6 0 0 08/20/02 Greenfield et al. G 5 5 7 7 2 0 11/19/96 1 Penzias Н 5 2 2 0 6 0 4 06/15/93 Gasser et al. Ĭ 6 2 8 2 8 3 08/28/01 Harris et al. 1 0 0 7 3 7 0 1 01/17/02 Callagahn et al. K 0 2 8 9 0 3 09/12/02 1 Kernahan 0 0 3 2 6 03/14/02 DeWolf et al. 2 6 FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION TRANSLATION **PUBLICATIO** COUNTRY OR N DATE SUBCLASS DOCUMENT NUMBER PATENT OFFICE **CLASS** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) Tuomas Aura, "Distributed Access-Rights Management With Delegation Certificates", Secure Internet Programming M (LNCS), 1999 Springer-Verlag, pp. 1-25.

_ ⊀,

ATTY. DOCKET NO. SERIAL NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 053087-5010 10/090,681 PATENT AND TRADEMARK OFFICE APPLICANT ■ INFORMATION DISCLOSURE Gunter STATEMENT BY APPLICANT (Use several sheets if necessary) FILING DATE GROUP (37 C.F.R. § 1.98(b)) March 5, 2002 **U.S. PATENT DOCUMENTS** ISSUE FILING DATE IF EXAMINE R INITIAL SUBCLASS APPROPRIATE PATENT NUMBER DATE **PATENTEE CLASS** Α 6 0 9 07/15/97 Theimer et al. В 9 6 1 6 1 1 3 12/12/00 Win et al. RECEIVED MAY 1 4 2003 Technology Center 2100 FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION TRANSLATION **PUBLICATIO** COUNTRY OR N DATE SUBCLASS DOCUMENT NUMBER PATENT OFFICE **CLASS** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) DATE CONSIDERED **EXAMINER** EXAMINER Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Page ____ 1 ____ of ____

Substitue for form 1449A/PTO			ō		Complete if Known	•
7128				Application Number	10/090,681	
	OR O			Filing Date	March 5, 2002	
STATE				First Named Inventor	Gunter	
///		ahaata aa a		Group Art Unit		
(use	(use as many sheets as necessary)			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	053087-5010	

U.S. PATENT DOCUMENTS						
Exr Initials	U.S. Patent Document Number	Kind Code (if	Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document		
ON .		known)		MM-DD-YYYY		
1	US-2003/0084296	A1	Kyojima et al.	May 2003		
	5,299,263		Beller et al.	March 1994		
YK/	US-2001/0053247	A1	Sowinski et al.	December 2001		
0	US-2002/0016910	Al	Wright et al.	February 2002		
			·	RECEIVED		
				AUG 1 3 2003		
				Technology Center 2100		

FOREIGN PATENT DOCUMENTS							
	F	oreign Patent Docun	nent	Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T	
Exr Initials	Country Code	Number	Kind Code (if known)				

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ₁				
1 90	Microsoft, Microsoft Computer Dictionary, 1997, Microsoft Press, 3rd Edition, Page 487					
0						
		1				
		ļ				
		1				
<b> </b>		+				
		1				
1		1 1				

Examiner Signature	Q.	Date Considered	3/8/54